CI/CD

What is it? and Why we should use it?
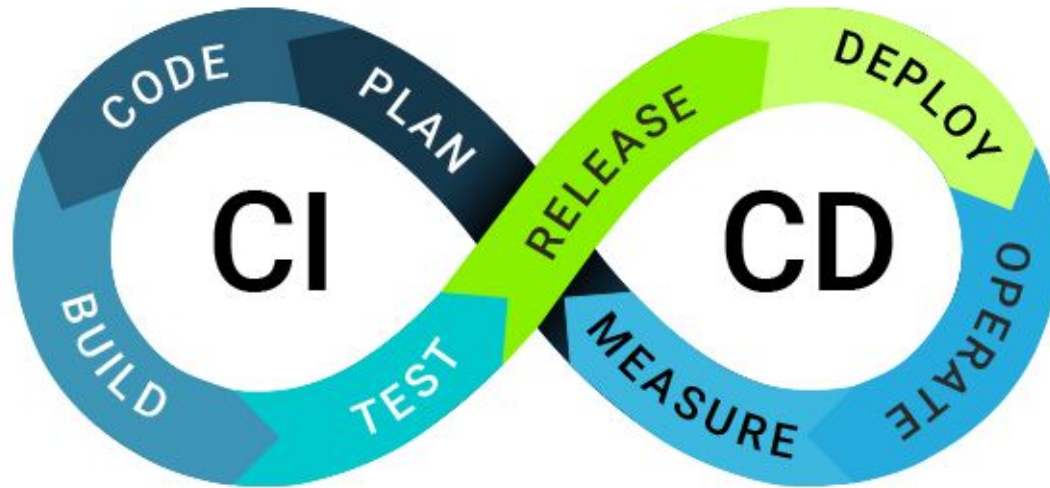
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Overview

- What is CI/CD?

- Current Challenges

- How would CI/CD help?

- CI/CD effect on business

CI/CD explained

Current Challenges

- **Manual builds**
  - Manual builds are error-prone and costs teams a lot - both in terms of development effort, as well as development time and cost.

- **Client dissatisfaction**
  - Since manual build takes time and costs money, that leads to unhappy clients

- **Slow release rate**
  - Because we are taking some time to deploy our projects manually we spending less time working on the next release hence the slow rate

How would CI/CD help?

- **Automate everything**
  - Automation will guarantee couple of things, jobs will get executed perfectly and will give the developers more time to work on next releases

- **Fails fast**
  - Leading the developers to get to the error quickly

- **Customer satisfaction**
  - Faster releases means happier clients

- **Faster Release Rate**

CI/CD effect on business

- **Reduces risk of error-prone tasks**
- **Lowers development costs**
- **Better quality products**
- **More revenue**